



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H129127

**Mode:** Highway

**Status:** Submitted

### NC-43

**From/Cross Street:** US 17

**Specific Improvement Type:** 5 - Construct Roadway on New Location

**To:** US 70

**Project Category:** Regional Impact

**Length:** 2.28

**TIP#:** R-4463A

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$11,375,000

#### Description:

Construct Roadway on New Location

**Division(s):** Division 2

**County(s):** CRAVEN

**MPOS(s)/RPO(s):** New Bern MPO

### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 26.14**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 15.08	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 16.32	Points: 0	Points: 95
[Travel Time] Benefit/Cost (20%) 20.22		
<b>Totals: Weight: 70% Weighted Score: 11.89</b>		

**Division Needs Total Score: 28.03**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 29.42	Percent: 25%	Percent: 25%
Safety (20%) 15.08	Points: 0	Points: 70
Multimodal + [Freight & Military] (10%) 16.32		
<b>Totals: Weight: 50% Weighted Score: 10.53</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	51
Length (miles):	5.19
Facility Type:	Freeway
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	3
Roadway has Curb & Gutter?	No
Volume (AADT):	20863.42
Capacity:	59405.54
Volume/Capacity Ratio:	0.35
% Autos:	93%
% Trucks:	7%
Truck Volume:	1507.56
Crash Density:	14.81
Crash Severity:	16.02
Critical Crash Rate:	14.41
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	Yes
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	77
Actual Congested Speed:	49.41
Travel Time Index:	1.03

**Project Benefits**

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	2.28
Facility Type:	Multi-Lane Highway
Access Control:	Limited
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	10
Travel Time Savings for 30 Years (Total):	10150056.03
Travel Time Savings for 30 Years (Autos):	9416626.27
Travel Time Savings for 30 Years (Trucks):	733429.76
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 2

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 2	100%	0	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>0</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
New Bern MPO	100%	95	70
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>95</b>	<b>70</b>

**Project Cost and Source**

Construction Cost:	\$10,100,000	TIP Unit
Right-of-Way Cost:	\$1,275,000	TIP Unit
Utilities Cost:	\$0	TIP Unit
Total Project Cost:	\$11,375,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$11,375,000</b>	